Specific instructions for VP-23N/VP-23RC/VP-26/VP-27/VP-28

Controlling a Presentation Switcher
To switch an input to an output:
1. Press V or A.
2. Press OUT.
3. Press the Group output number.
4. Press a digit key from <1> to <2/4> to switch an input.

VP-27
The VP-27 has 3 independent switcher sections and 1 Master audio switcher section with 1 output defined as:

1 for Video (CV)
2 for s-Video (Y/C)
3 for PC

The Master Audio Output Group is 0

FOR EXAMPLE: To switch input 1 in the s-Video group to the output, press <V>, <OUT>, <2>, <1>.

VP-23N/VP-23RC
The VP-23N and VP-23RC have 3 independent switcher sections and 1 Master audio section. Each independent switcher has 1 output defined as:

1 for Video (CV)
2 for s-Video (Y/C)
3 for VGA/UXGA

The Master Audio Output Group is 1.

FOR EXAMPLE: To switch input 3 in the s-Video group to the output, press <V>, <OUT>, <2>, <3>.
To switch an input to the master audio switcher, press <A>, <OUT>, <1>, and a digit key from 1 to 4.

VP-28
The VP-28 has 5 independent switcher sections and 1 Master audio section. Each independent switcher has 1 output defined as:

1 DVI
2 VGA
3 HDMI
4 CV
5 DP

FOR EXAMPLE:
To switch input 3 in the VGA group to the output, press <V>, <OUT>, <2>, <3>.
To switch an input to the master audio switcher, press <A> and a digit key from 1 to 14.

VP-26
The **VP-26** has 4 independent switcher sections and 1 Master audio switcher section with 2 outputs, defined for OUT 1 as:

1 for VGA/UXGA
2 for Video (CV)
3 for s-Video (Y/C)
4 for Comp

For OUT 2 the definitions are:

5 for VGA/UXGA
6 for Video (CV)
7 for s-Video (Y/C)
8 for Comp

The Master Audio Output Group is 1
FOR EXAMPLE:To switch input 2 in the s-Video group to output 2, press <V>, <OUT>, <7>, <2>.

Adjusting the Volume
To increase/decrease the volume:
1. Press A
2. Press OUT.
3. Press a digit key defining the audio signal.
4. Press VOL + or VOL - continuously until the volume change is satisfactory.

VP-27
Adjust the volume separately for the Master Audio output (defined as output 0), for microphone (defined as output 4) and for the audio input from each switcher group connected to the Master, defined as:

1 for Video (CV)
2 for s-Video (Y/C)
3 for PC

FOR EXAMPLE: To decrease the Master volume, press [OUT, 0,] <VOL->
To decrease the volume from the Video (CV) group, press [OUT, 1,] <IN>, <VOL->.

VP-28
Adjust the volume separately for the Master Audio output (defined as output 6) and for the microphone (defined as output 7).

FOR EXAMPLE: To decrease the Master volume, press [OUT, 6,] <VOL->.

VP-23N/VP-23RC
Adjust the volume separately for the audio output of each switcher group defined as:

1 for Video (CV)
2 for s-Video (Y/C)
3 for VGA
4 for the microphone
5 for the Master audio input

FOR EXAMPLE: To increase the volume in the s-Video group, press <OUT>, <2>, <VOL+>.

VP-26
Adjust the volume separately for the audio output of each switcher defined for OUT 1 as:

1 for VGA
2 for Video (CV)
3 for s-Video (Y/C)
4 for Comp

For OUT 2 the definitions are:

5 for VGA/UXGA
6 for Video (CV)
7 for s-Video (Y/C)
8 for Comp
9 for Master audio out
10 for microphone

FOR EXAMPLE: To increase the volume of output 2 in the s-Video group press <OUT>, <7>, <VOL+>.

RC-IR3 REMOTE CONTROL TRANSMITTER

About the RC-IR3 Remote Control Transmitter

Your Kramer **RC-IR3** is ideal for the remote control of various Kramer switchers and matrices, and has a range of up to 15 meters.

Defining the RC-IR3

Red LED lights when sending a signal to the machine

Affects audio

Pressing ALL before pressing input connects the input to all outputs

Pressing OFF after pressing an OUT key disconnects that output from the inputs. To disconnect all the outputs, press the ALL key and then the OFF key

Pressing "-" decreases the volume; pressing "+" increases the volume of a selected input or output

Digit keys

Press to select the single digit mode

Press ESC to cancel the last key(s) pressed (when the action requires another key)

Affects video (the default)

Cycles power

Audio-follow-video

Press to recall an input/output

Press to store the current status

Press before selecting an input number or before increasing or decreasing the volume of that specific input

Press before selecting an output number to which to switch the input or before increasing or decreasing the volume of that specific output

Press before selecting a Machine # number

Press to select the double digit mode

Press TAKE, key-in several actions and press TAKE again to simultaneously activate the multiple switches

For more details, refer to the other side of this page

STEP 1: Insert the batteries

The **RC-IR3** is powered by two AAA size 1.5V DC batteries (supplied) which need to be inserted correctly.

STEP 2: Using the RC-IR3 for the first time

The **RC-IR3** identifies the switcher that it controls via its machine number.

After unpacking and setting the switcher you can immediately use the **RC-IR3** to control the switcher since the factory default machine # setup for both the **RC-IR3** and the Kramer switcher is 1.

If you need to control several switches or if the machine # is not # 1, change the machine # setting (see section 3.6).

STEP 3: Operating the machine

3.1 Switching an Input to an Output

To switch an input to an output after assigning the Machine #:

Choose the OUTPUT

1. Press OUT.
2. Press a digit key to choose the output number. The output number is saved.
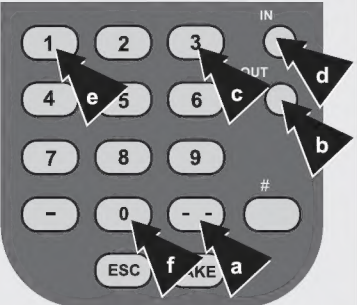
Choose the INPUT

3. Press IN (optional).
4. Press a digit key to choose the input number. Continue to press alternate input numbers until you reach the one you want (as the output number is saved you do not have to press the output number again).

FOR EXAMPLE:

In the single digit mode:
To switch IN 3 to OUT 5 on a switcher, press OUT, <5> and <3>

In the double digit mode:
To switch IN 10 to OUT 3 on a switcher, press the following buttons in sequence:
a. <-->
b. OUT
c. <3>
d. IN
e. <1>
f. <0>

In the double digit mode the <0> key represents 0 in a sequence from 01 to 99

Switching in the double digit mode1

3.2 Storing and Recalling Setups

You can store and recall input/output setups. Check the relevant user manual to check the number of setups you can store.

To store the current status in memory:
1. Press STO.
2. Press one of the digit keys (this will be the setup # in which the current status is stored).
The memory stores the data at that reference.

To recall an input/output setup:

a. Press RCL.
b. Press the digit key that matches the setup #.
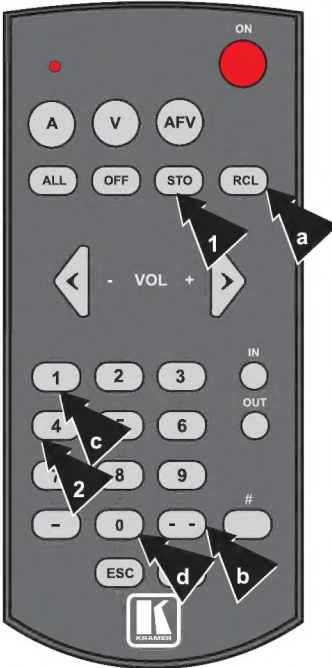The memory recalls the stored data.

FOR EXAMPLE:

in this example, the current status is stored to setup # preset 4 and then setup # preset 10 is recalled.

To STORE:
1. Press STO.
2. Press 4.

To RECALL:
a. Press RCL.
b. Press <-->.
c. Press <1>.
d. Press <0>.

In the double digit mode the <0> key represents 0 in a sequence from 01 to 99

3.3 Using the TAKE Key

You can press **TAKE** to key-in several actions and confirm them by pressing the **TAKE** key, to activate the multiple switches simultaneously, otherwise:

- OUT-IN combinations can be executed one at a time
- Pressing an OUT-IN combination implements the switch immediately
- No protection is offered to allow the correction of an erroneous action before it is implemented

To perform an action with confirmation:
1. Press TAKE (see **Note**).
2. Press one or more OUT-IN combinations in sequence.
3. Press TAKE to confirm and implement the action.

Note: Before using the TAKE key, check if it toggles the TAKE button on the front panel of the switcher. If it does, the remote control works in the same way as it does on the front panel. In this case, if the TAKE button is already lit, do not press the TAKE key to start.

FOR EXAMPLE:

In this example, IN 1 is switched to OUT 4 and IN 5 is switched to OUT 8 simultaneously, using the TAKE key:

1. Press TAKE (see **Note**).
2. Press OUT.
3. Press <4>.
4. Press <1>.
5. Press OUT.
6. Press <8>.
7. Press <5>.
8 Press TAKE.

3.4 Setting to AFV or Breakaway Modes

In the Audio-follow-video mode (AFV), all operations relate to both the video and the audio channels.
In the Breakaway mode (V or A), video and audio channels switch independently.

To set the audio-follow-video mode, press AFV:

- If the AUDIO and VIDEO configurations are the same, then the AFV illuminates.
  The audio will follow the video
- If the AUDIO differs from the VIDEO, then press TAKE to confirm the modification.
  The audio will follow the video

To set the breakaway mode:

- Press V (for video control only).
  The video button on the machine illuminates, and switching operations relate to video only
- Press A (for audio control only).
  The audio button on the machine illuminates, and switching operations relate to audio only

3.5 Setting the Volume

You can set and save the volume level for a specific input or output if the product and the communication protocol support it (see the relevant user manual).

To increase/decrease the OUTPUT Volume:
1. Press OUT.
2. Press a digit key to choose the output #. The output # is saved.
3. Press VOL (+ or -) continuously until the volume change is satisfactory.

To increase/decrease the INPUT volume:
1. Press IN.
2. Press a digit key to choose the input #. The input # is saved.
3. Press IN.
4. Press VOL (+ or -) continuously until the volume change is satisfactory.

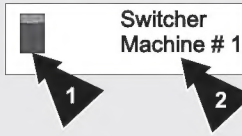## 3.6 Changing the Machine # Setting

To use the **RC-IR3**, you need to identify the switcher that it controls via its machine number.

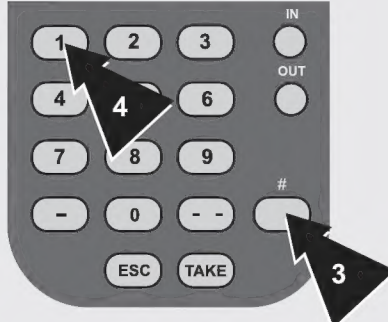**To assign the switcher's machine number to the RC-IR3**:
1. Turn the switcher power ON manually.
2. Check its machine #.
3. On the RC-IR3, press #.
4. On the RC-IR3, press the digit key(s) that match the Machine # set up on the unit.
The machine number is set and saved.

The assigned Machine # must always be identical to the setting on the Kramer machine.
The default Machine # on Kramer switchers and matrices and on the **RC-IR3** is Machine # 1.

FOR EXAMPLE:

Switcher Machine # 1

in this example the machine # is 1.
if the machine number has two digits (for example, 12) press the double digit mode button before setting the machine #

3.7 Using an External Receiver

If you need an extended range of up to 60 meters and your Kramer machine's rear panel has a REMOTE IR 3.5mm connector, order our optional external IR receiver (C-A35M/IRR-50) with three extension cables (C-A35M/A35F-50).